Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 25 Mar 2023 until 23:59 on Sunday 26 Mar 2023

Forecast Issued on Saturday 25 Mar 2023 at 04:15

Confidence: Lower confidence in persistence of rain, showers and low cloud today. High confidence for drier and more settled conditions on Sunday and Monday, then lower for timing of rain arrival Tuesday.

Headline for Saturday 25 Mar 2023: Cloudy, with showers or longer spells of rain.

Mountain weather hazards on Saturday 25 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Cloudy	Cloudy	Cloudy
Precipitation probability					
80%	70%	50%	30%	30%	30%

Forecast for Saturday 25 Mar 2023

Weather: Extensive cloud and widespread rain at first, with heavier bursts at times. Some improvement late morning, with some drier and brighter spells possible, but heavy showers may develop, and could become heavy, prolonged and with the odd rumble of thunder and hail. Northern areas are most at risk. This evening showers will become lighter.

Chance of cloud-free hill tops above 600m: 20%, but 50% across eastern areas this morning and afternoon.

Low cloud and visibility: Extensive cloud base 400-500m at first. Generally lifting to 600m by late morning, although also breaking across eastern areas this morning and afternoon, but dropping back to 400-500m in heavy showers. Mostly good or very good visibility, but becoming moderate in showers and rain, and very poor with hill fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 25 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	35/43 W	27/33 W	25/31 W	20/26 W	10/13 W	7/9 S	10/15 E
300	28/37 W	20/26 W	21/29 W	17/24 W	7/11 SW	6/9 S	7/13 E
Valley	18/38 W	13/26 W	14/28 W	12/23 W	4/10 W	3/7 E	8/16 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	4/-3	4/-1	5/0	5/1	4/1	3/-0
300	6/0	6/1	6/2	8/4	7/5	7/5	6/3
Valley	6/2	6/2	7/4	9/6	8/7	6/5	6/3
Freezing Level*	1100m	1100m	1200m	1200m	1200m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Lower confidence in frequency and distribution of showers, particularly this afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 25 Mar 2023	5mm	11.2mm	14.4mm

Forecast for Sunday 26 Mar 2023

Weather: Extensive cloud overnight, with patchy light rain and drizzle and hill fog. Becoming largely dry through the morning while remaining cloudy, although cloud lifts. Feeling colder though, with precipitation perhaps falling as sleet on the summits. Dry through the evening with a chance of clear spells developing.

Maximum wind: North-easterly 25 mph gusting 35 mph.

Chance of cloud-free hill tops above 600m: 20% improving 90% by late morning.

Low cloud and visibility: Extensive cloud above 400-500m at first, quickly rising above the summits during the morning. Visibility moderate or poor with rain and drizzle, very poor with hill fog, improving very good or excellent.

Temperature: **Valleys:** Plus 7 Celsius.
At 600m: Plus 3 decreasing minus 2 Celsius.
Freezing level: 1100m decreasing 500m.

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